REMARKS

In view of the above amendments and the following remarks, reconsideration and further examination are requested.

In Section 3 on page 2 of the Office Action, the Examiner rejected claim 2 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. In response to this rejection, claim 2 has been amended to resolve the 35 U.S.C. § 112, second paragraph, concern thereof.

The instant invention pertains to a multipolar-magnetized cylindrical permanent magnet having magnetic anisotropy in a single diametrical direction that is perpendicular to the axis of the cylindrical magnet. The magnet is prepared by compression-molding a magnetic powder into a cylindrical form or ring while applying a magnetic field in a direction that is perpendicular to the direction of compression, i.e. perpendicular to the axis of the cylindrical form or ring.

In Section 5 on pages 2-3 of the Office Action, the Examiner rejected claim 2 under 35 U.S.C. § 102(b) as being anticipated by Tajima et al. This rejection is respectfully traversed for the following reasons.

Claim 2 recites a permanent magnet motor comprising a stator and a rotor coaxially inserted within said stator, wherein said rotor comprises a cylindrical permanent magnet having

> **magnetically anisotropic orientation in a single diametrical direction perpendicular to a cylinder axis**

While Tajima et al. discloses a permanent magnet electrical machine including a rotor 2 that is a cylindrical permanent magnet, and a stator 4 having stator teeth 51-53 and 61-63 such that the arithmetic requirements as recited in the final four lines of claim 2 are met, claim 2 requires more than merely providing any motor having stator teeth and magnetic poles that meet the arithmetic requirements as recited in the final four lines of claim 2. In this regard, claim 2 specifically requires a motor that includes a rotor comprising a cylindrical permanent magnet having **magnetically anisotropic orientation in a single diametrical direction perpendicular to a cylinder axis**.

Tajima et al. is completely silent with regard to the rotor, in any embodiment thereof, comprising such a cylindrical permanent magnet. Indeed, Tajima et al. does not disclose the specific characteristics of the magnets nor the manner by which they are produced. Accordingly, it cannot be concluded from Tajima et al. that the rotor 2 comprises a cylindrical permanent magnet having a magnetically anisotropic orientation in a single diametrical direction perpendicular to the axis of the rotor 2. Accordingly, claim 2 is not anticipated by Tajima et al.

Additionally, Tajima et al. provides no motivation or suggestion for one having ordinary skill in the art to have the rotor thereof comprise a cylindrical permanent magnet having "magnetically anisotropic orientation in a single diametrical direction perpendicular to a cylinder axis". Thus, claim 2 is not rendered obvious over Tajima et al. Accordingly, claim 2 is allowable over Tajima et al.

In view of the above amendments and remarks, it is respectfully submitted that the present application is in condition for allowance and an early Notice of Allowance is earnestly solicited.

If after reviewing this Amendment, the Examiner believes that any issues remain which must be resolved before the application can be passed to issue, the Examiner is invited to contact the Applicant's undersigned representative by telephone to resolve such issues.

Respectfully submitted,

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Version with Markings to Show Changes Made

2. A permanent magnet motor comprising:

a stator having skewed stator teeth; and

a rotor coaxially inserted within said stator, wherein said rotor comprises a cylindrical permanent magnet having magnetically ~~anistropic~~ anisotropic orientation in a single diametrical direction perpendicular to a cylinder axis of said cylindrical permanent magnet, with said permanent magnet being magnetized to have evenly disposed magnetic poles around a circumference of said cylindrical permanent magnet,

wherein said evenly disposed magnetic poles are k in number, with k being an even integer not smaller than 4 and not greater than 100, and

wherein said stator teeth are n in number, with n being equal to 3n when n is a positive integer not exceeding 33, with the proviso that k is not equal to n.